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Figure 1A

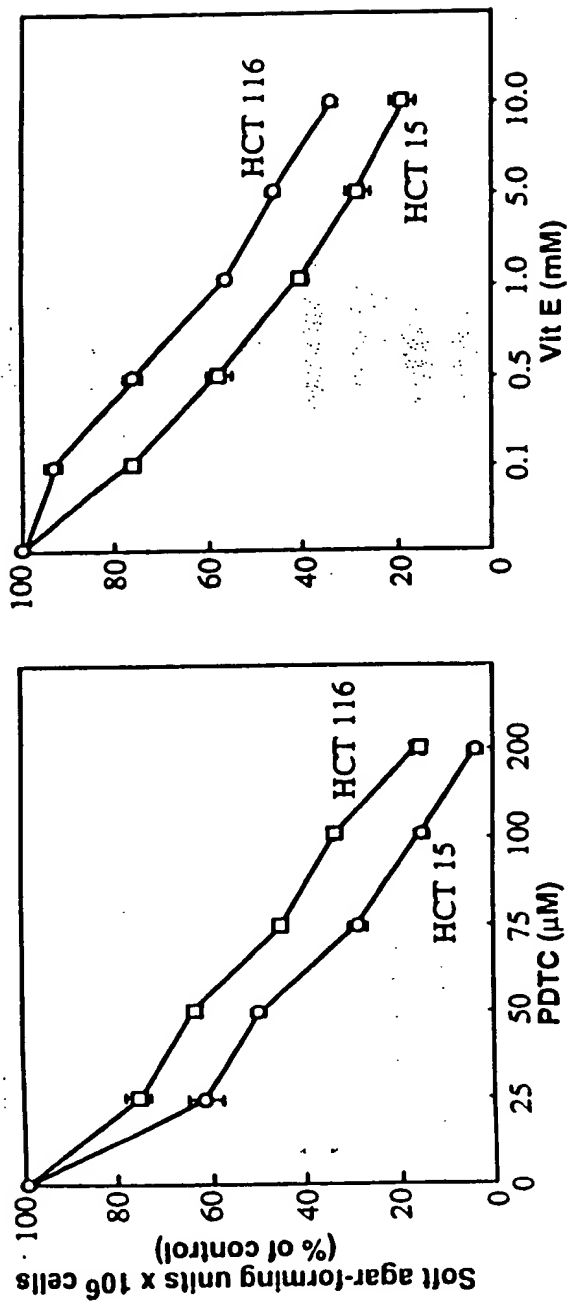


Figure 1B

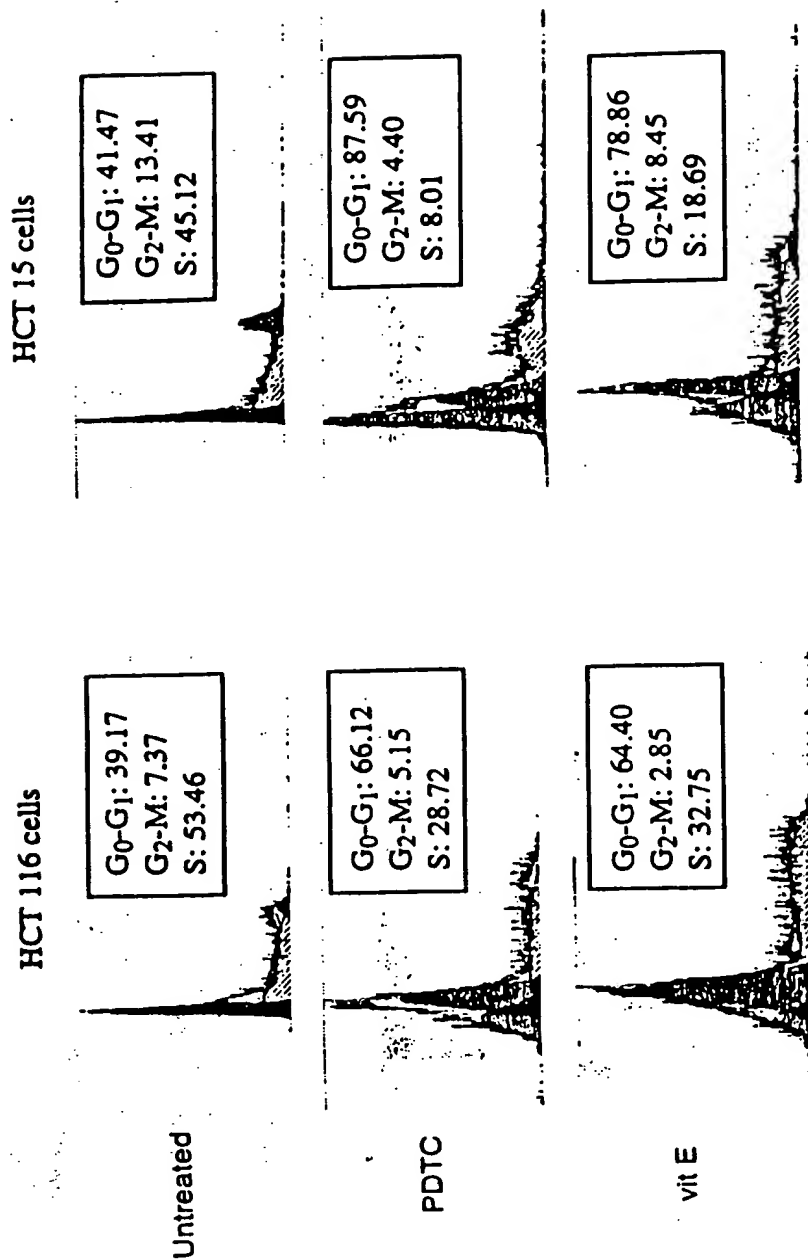


Figure 1C

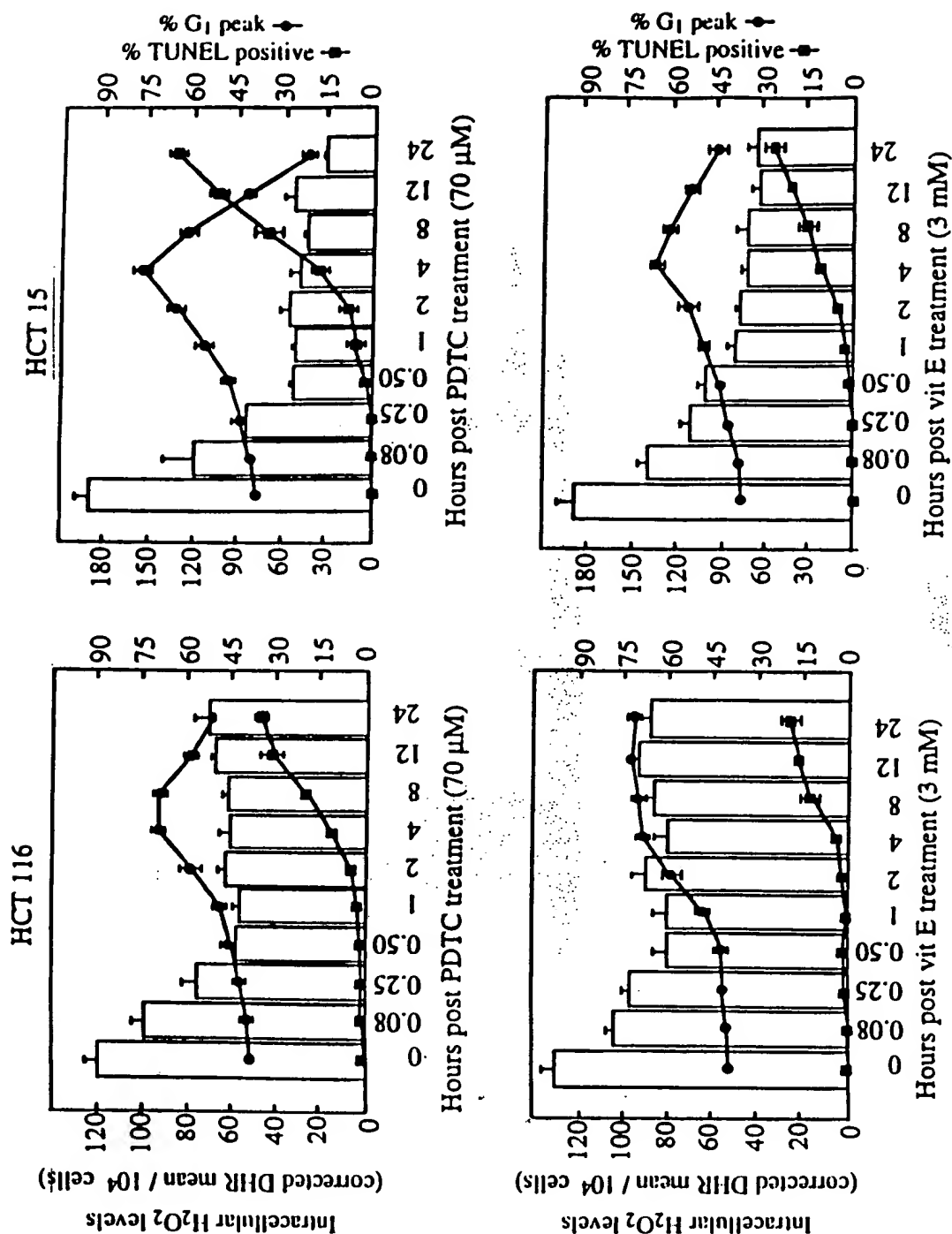


Figure 1D

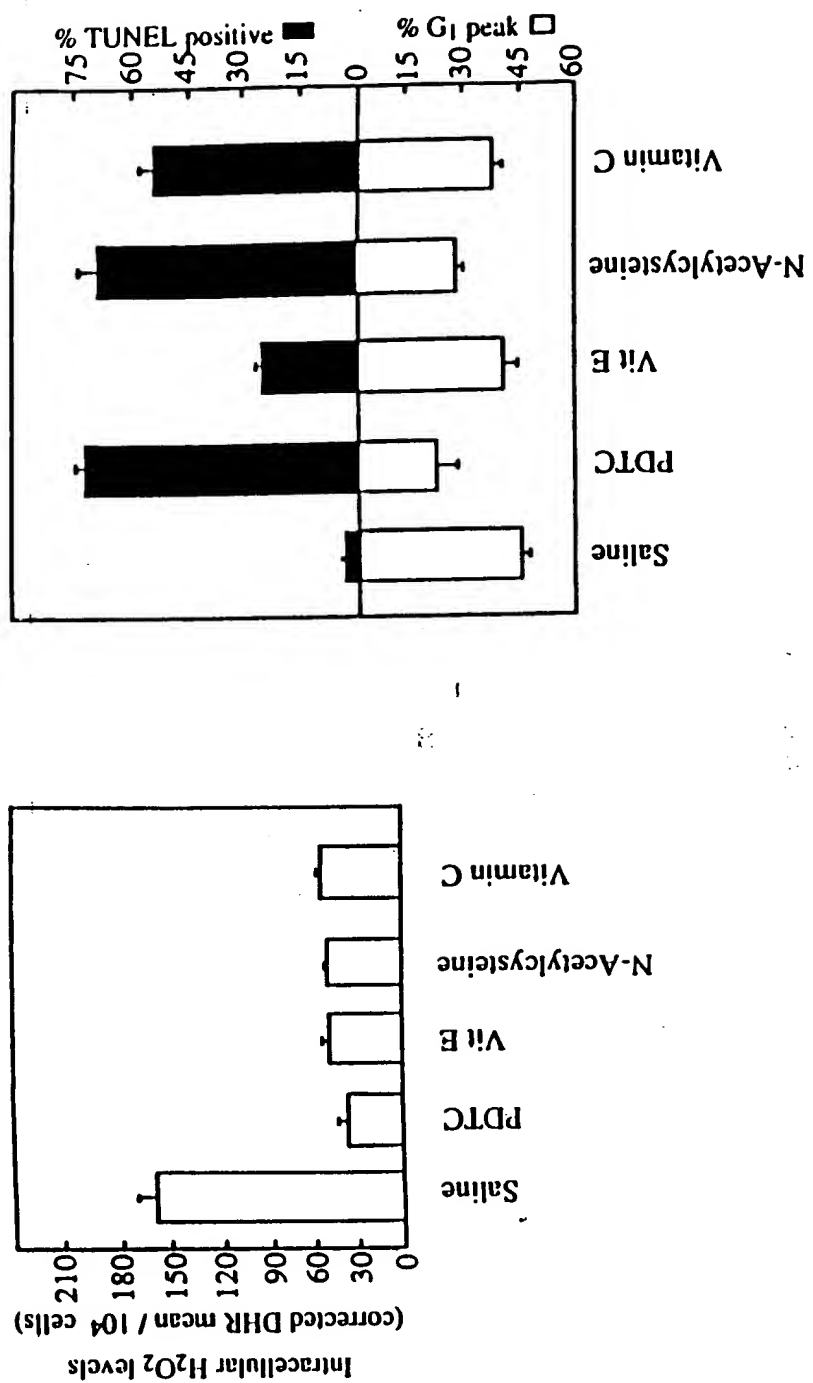


Figure 1E

Sensitization of HCT 116 and HCT 15 colon cancer cells to chemotherapeutic agents
by PDTTC (70 μ M) or vitamin E (3 mM)

Cell line	Drug	IC ₅₀ (μ M) ^a	
		- Antioxidant	+vitamin E
HCT 116	5FU	3.8 (\pm 0.21)	1.5 (\pm 0.29)
	Doxorubicin	0.32 (\pm 0.07)	0.09 (\pm 0.08)
HCT 15	5FU	11.4 (\pm 0.11)	1.01 (\pm 0.09)
	Doxorubicin	1.51 (\pm 0.07)	0.11 (\pm 0.05)
			1.7 (\pm 0.20)
			0.13 (\pm 0.05)
			1.4 (\pm 0.10)
			0.17 (\pm 0.04)

^aThe concentration of 5-FU or doxorubicin required to reduce soft agar colony formation by 50% (\pm s.e.m.). Underscored: significantly different from -antioxidant group ($P < 0.01$), as determined by analysis of variance with multiple comparison adjustment.

Figure 2A

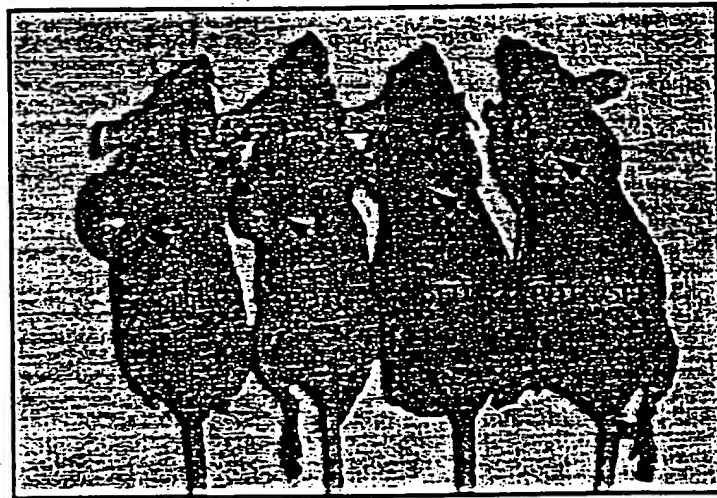
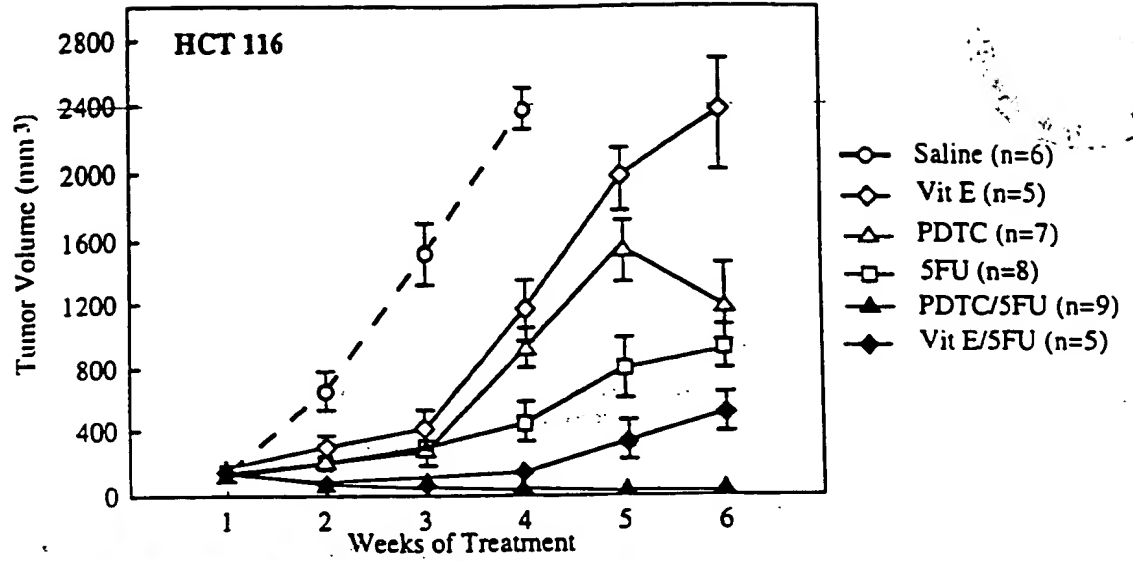


Figure 2B

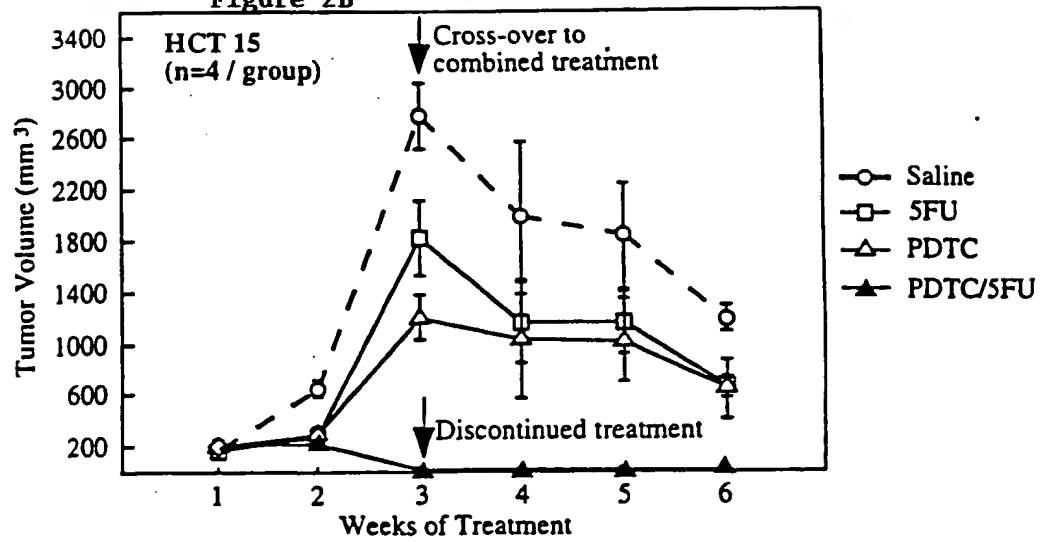


Figure 3A Western blot

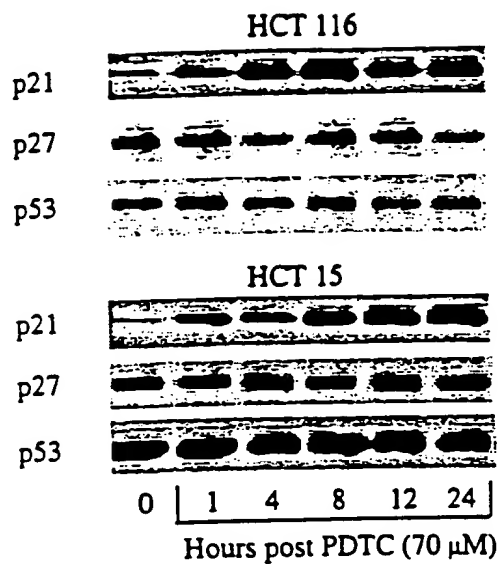


Figure 3B Northern blot

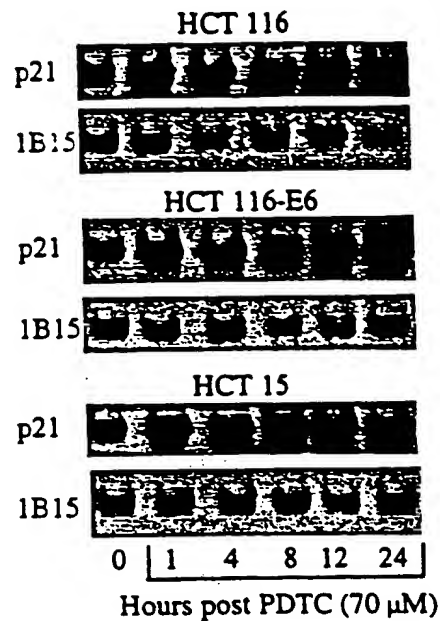


Figure 3C

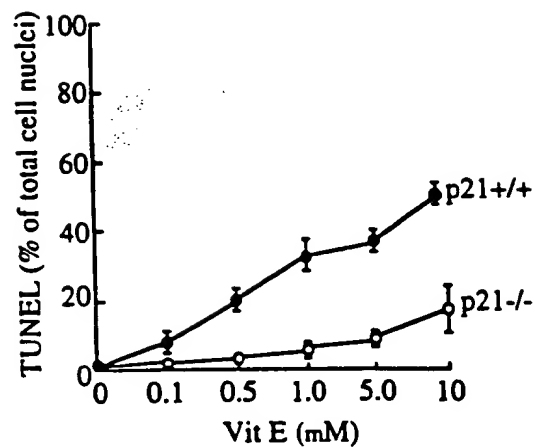
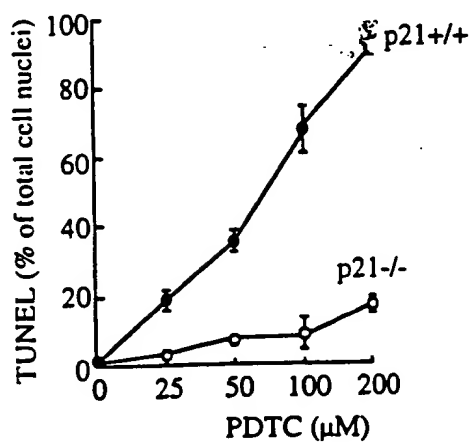


Figure 4A

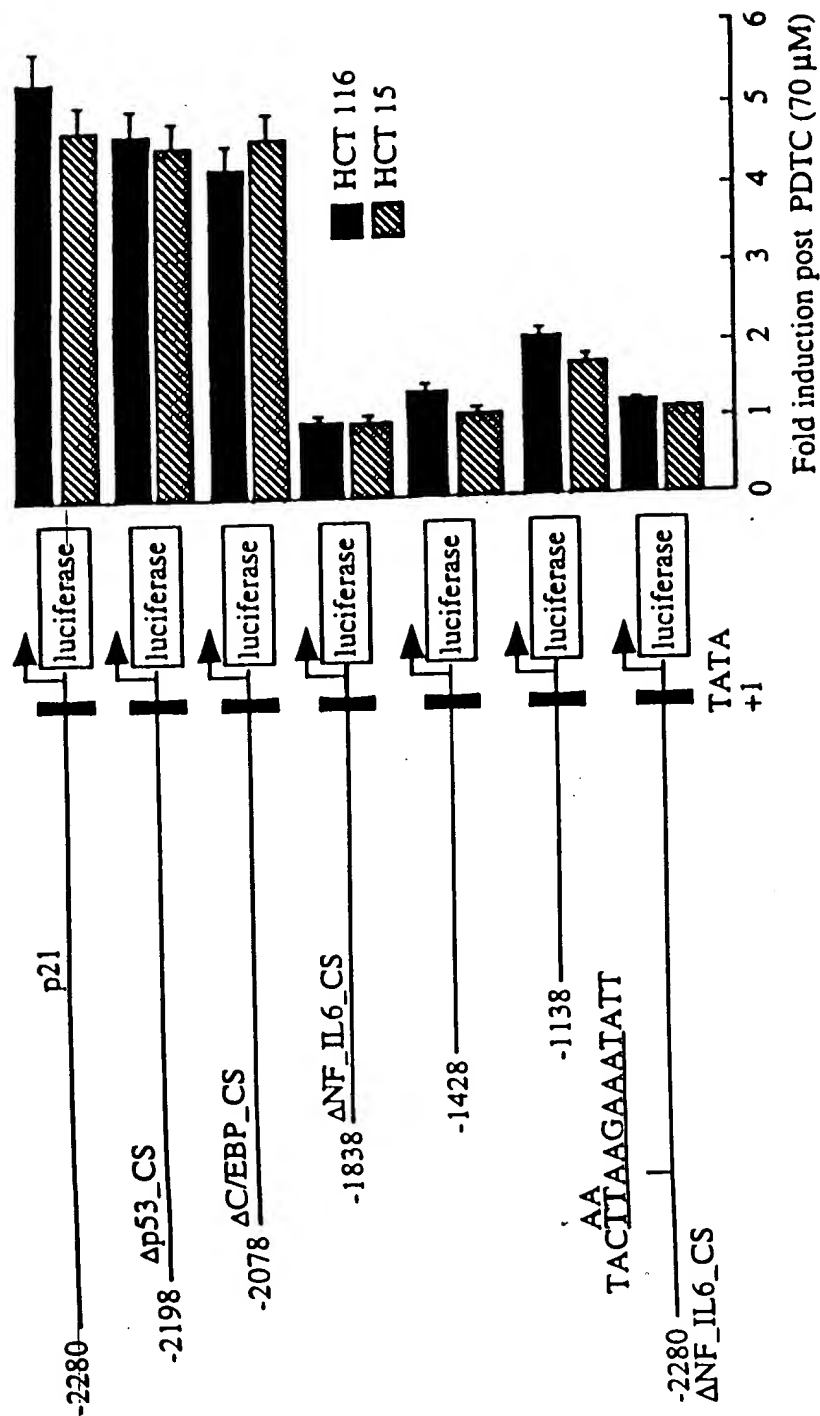


Figure 4B

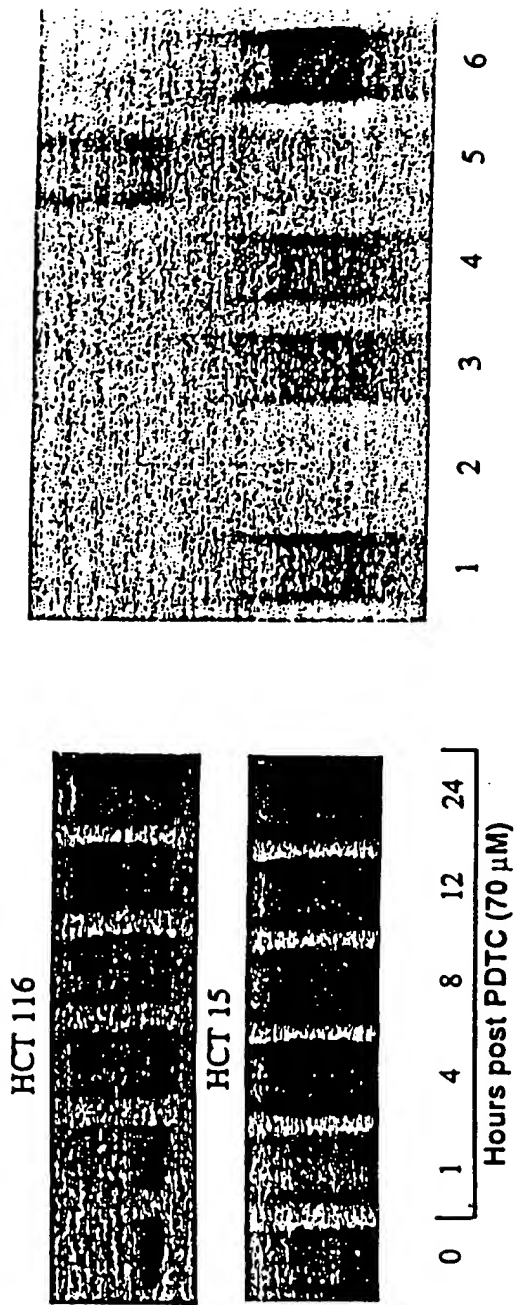


Figure 4C

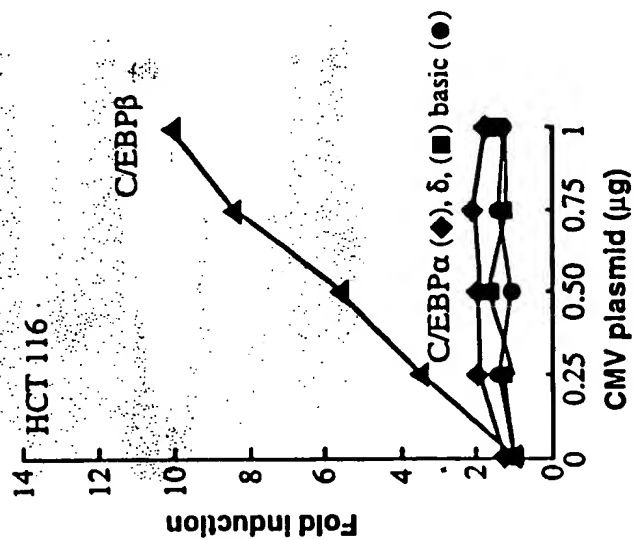


Figure 4D

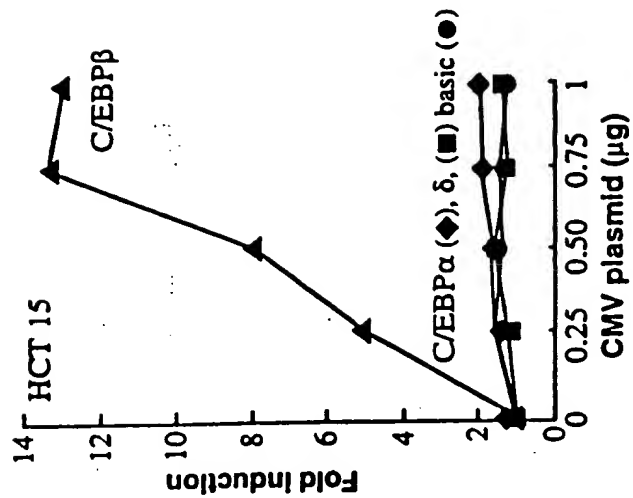


Figure 4E

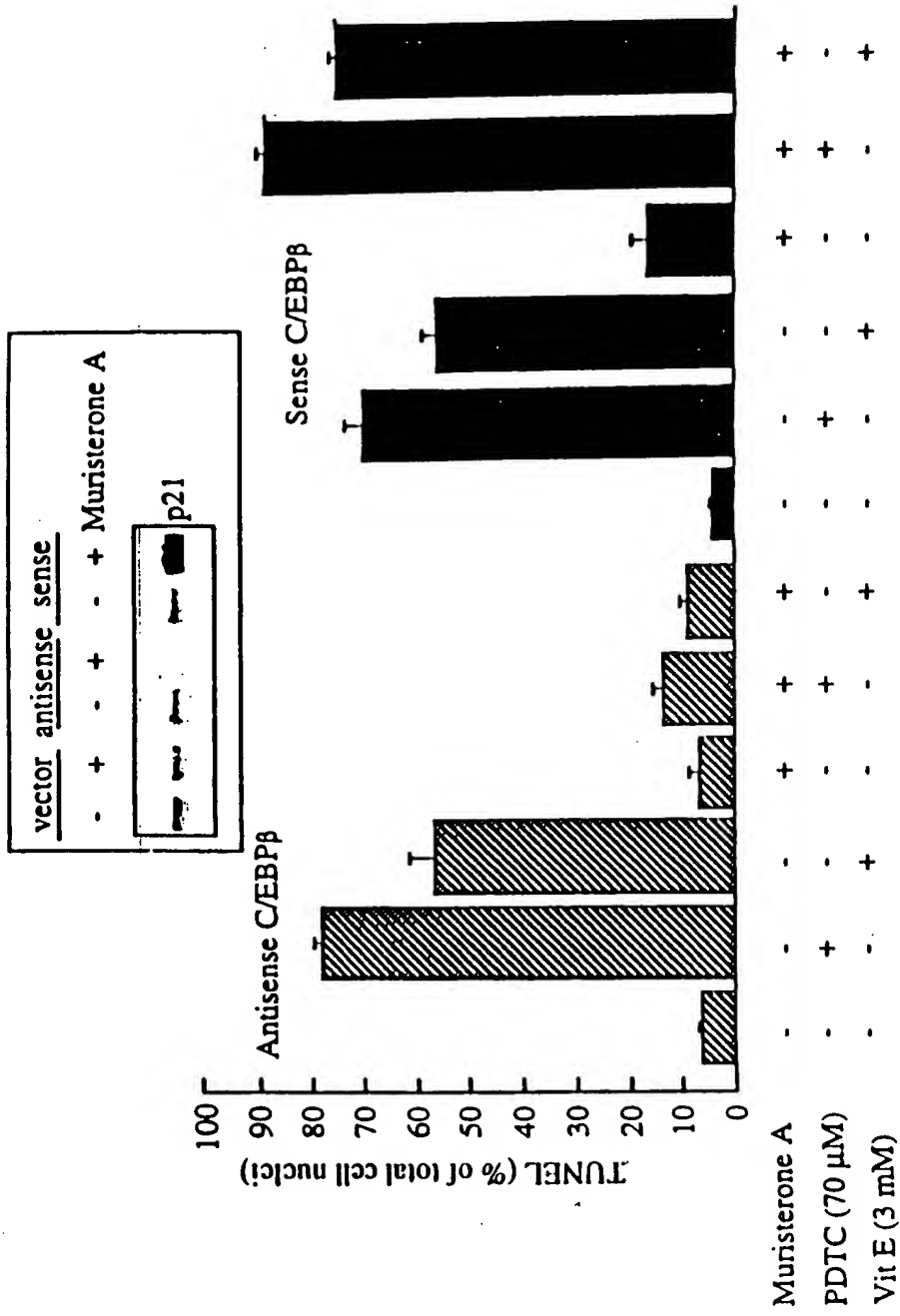
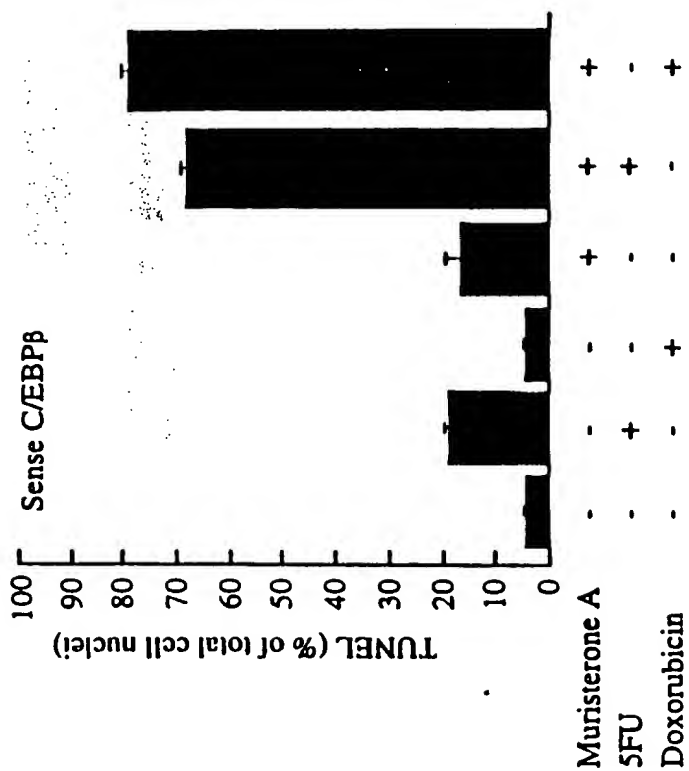


Figure 4F





102230" 98064260

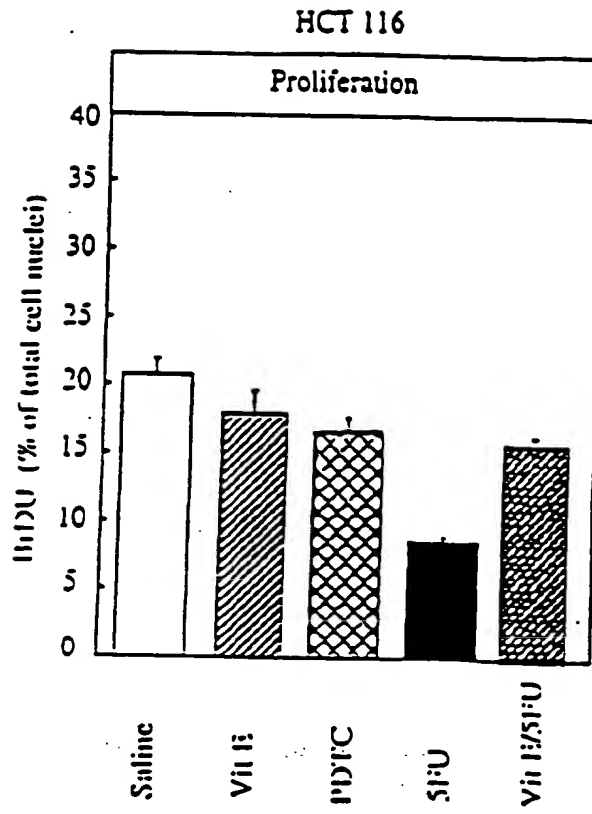


Figure 5A

09779086.062201

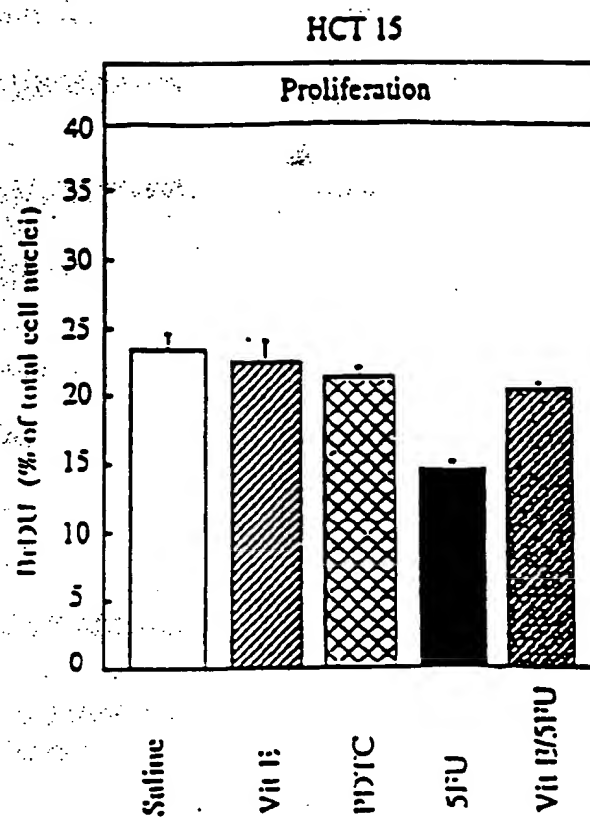


FIGURE 5B

09779086-062004

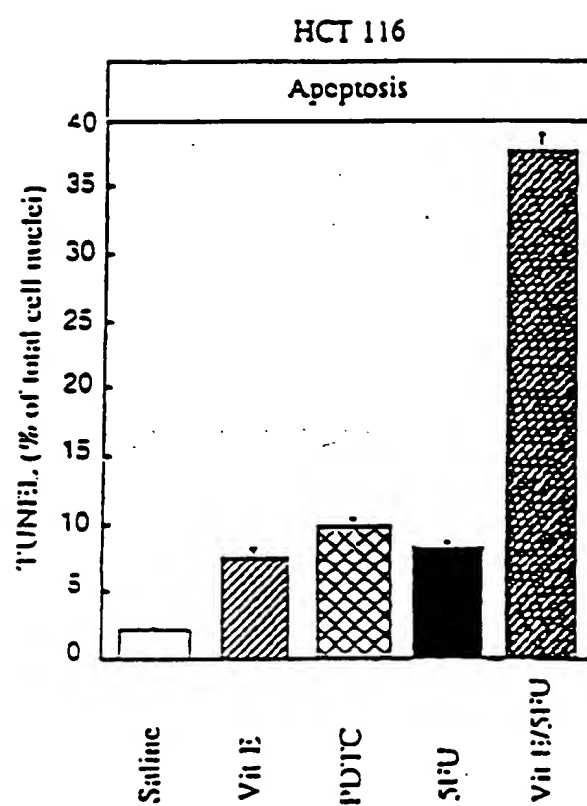


FIGURE 6A

FOI2290-98064260

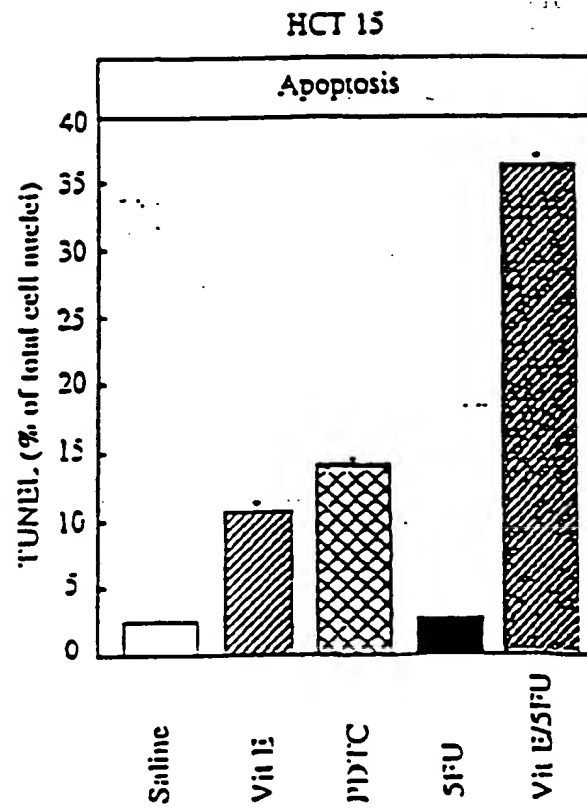


FIGURE 6B

FD2290" 5806/260

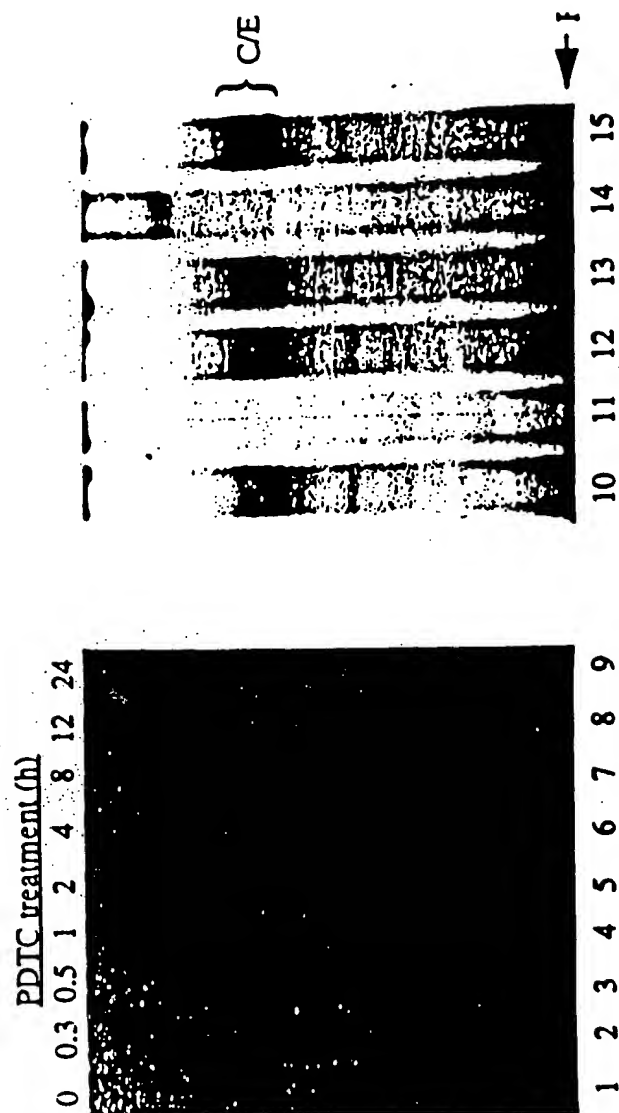


Figure 7A

097906-06201

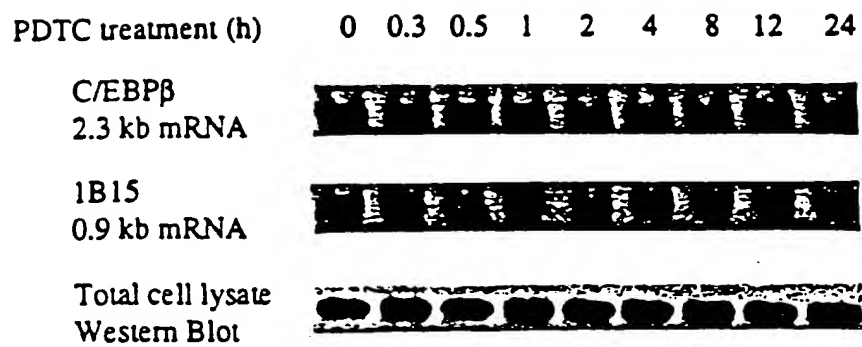


Figure 7B

102290-9806460

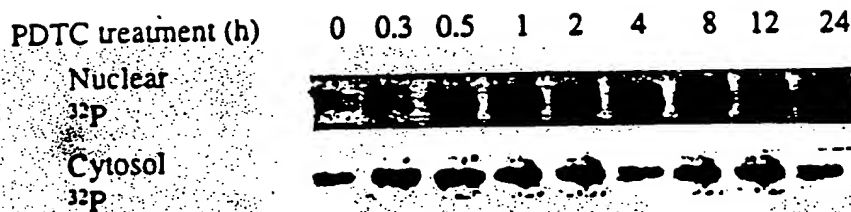
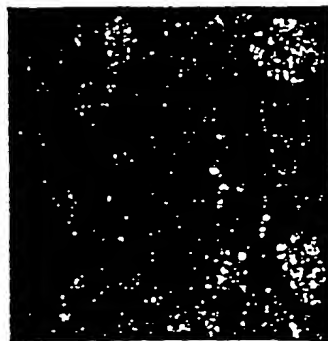


Figure 7C

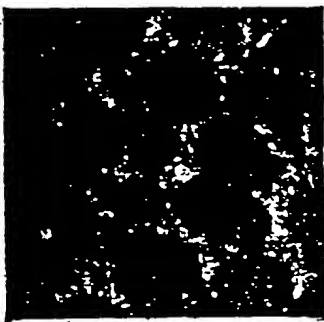
Figure 7D

Blocked antisera



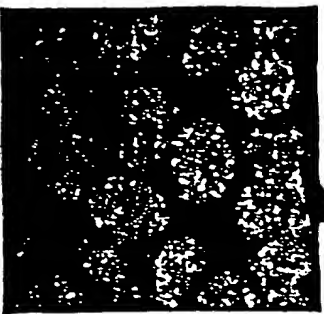
DAPD

Control



C/EBP β

PDTC



DAPD C/EBP β

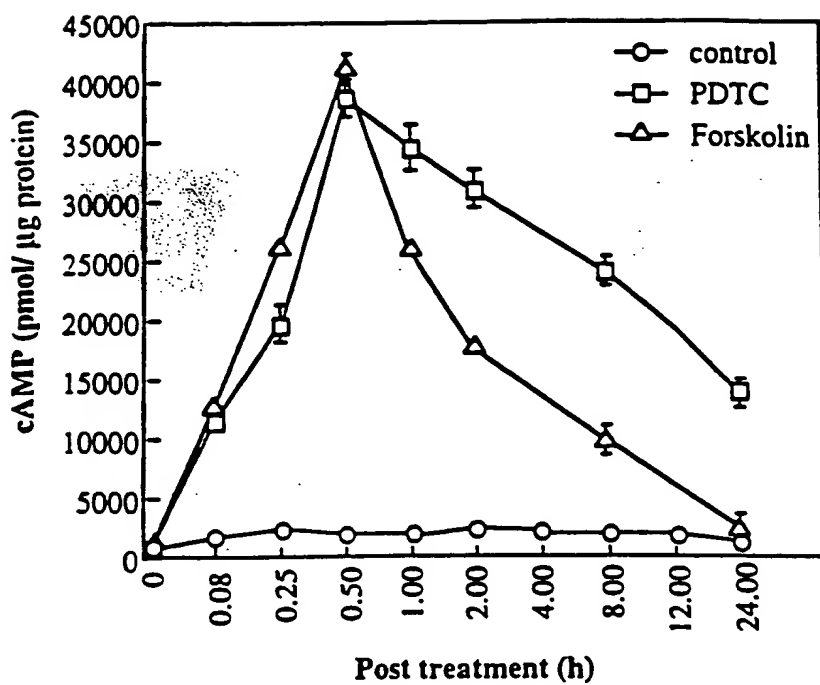


FIGURE 8A

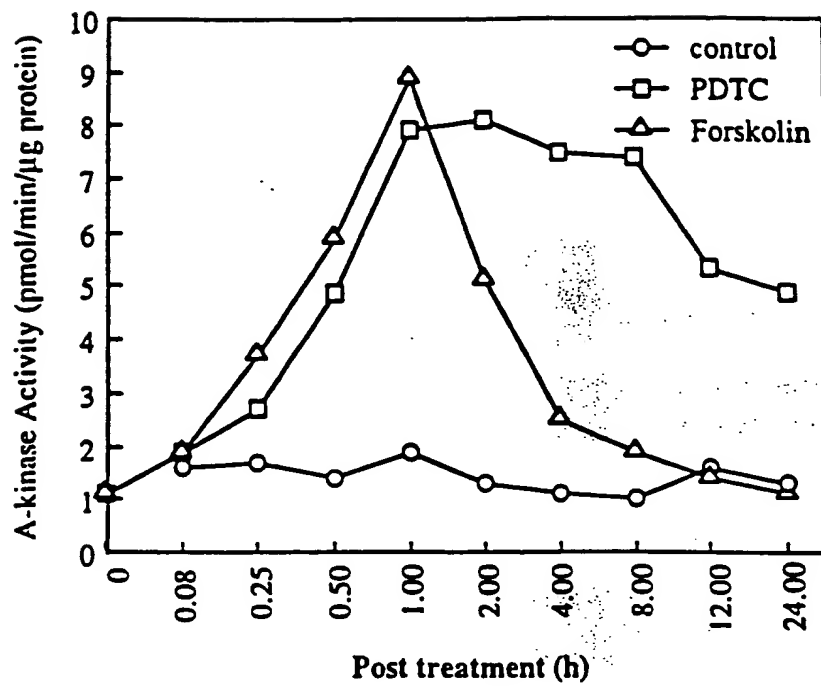
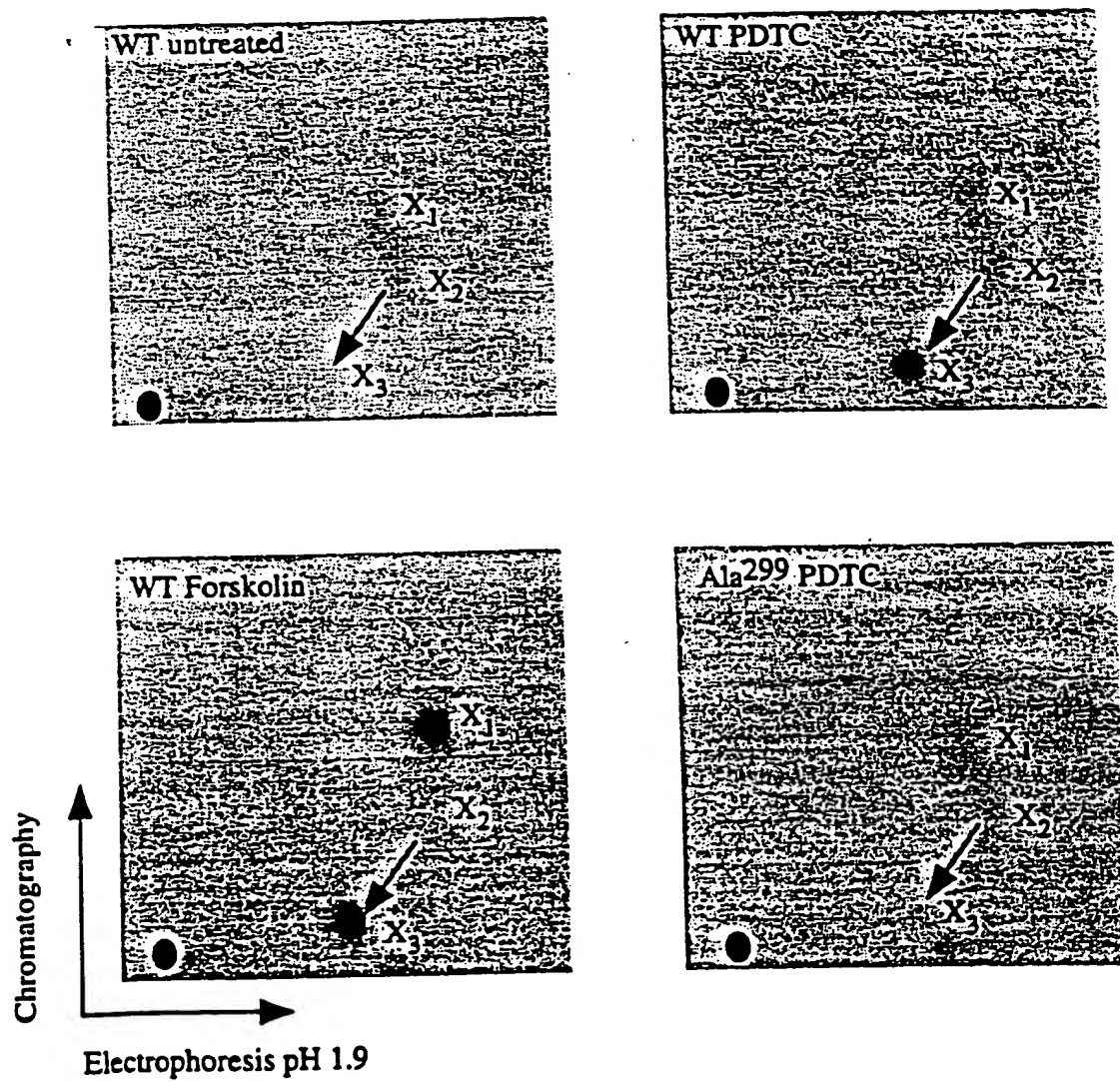


FIGURE 8B

Figure 9A

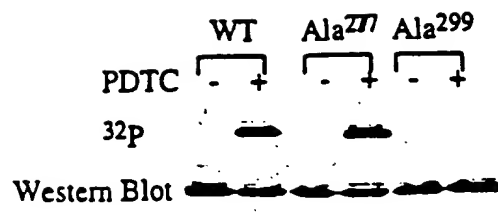


Figure 9B Trypsin cleavage



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Figure 9C



0979086-06201
T02290-9806460

Figure 10A

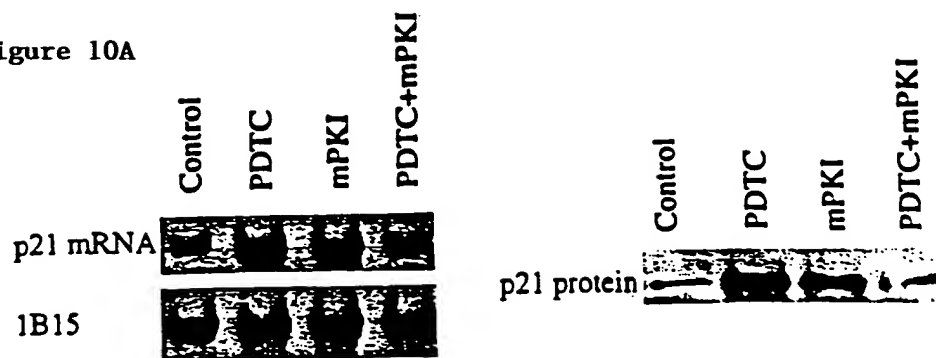
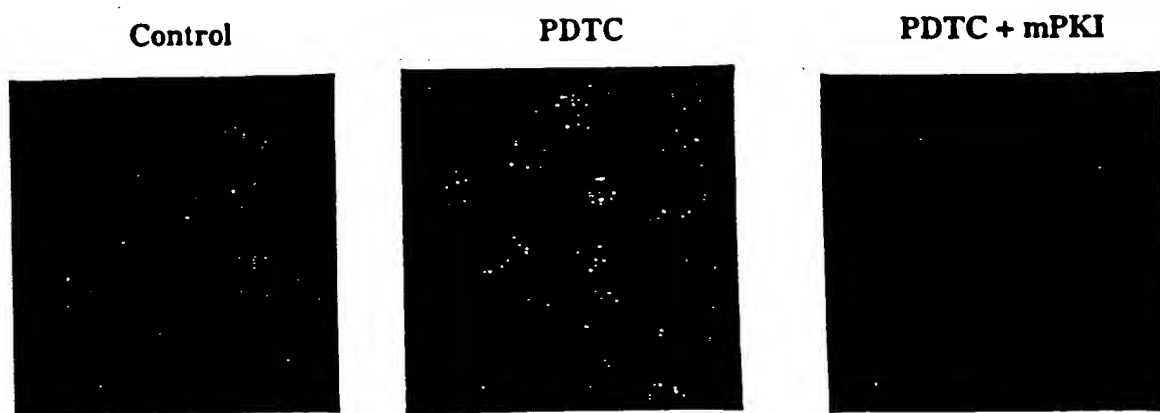


Figure 10B



0979085-0201

FIGURE—11

Carboxymethylation of PP2Ac is Inhibited by Antioxidants

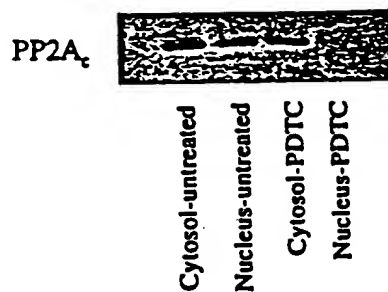
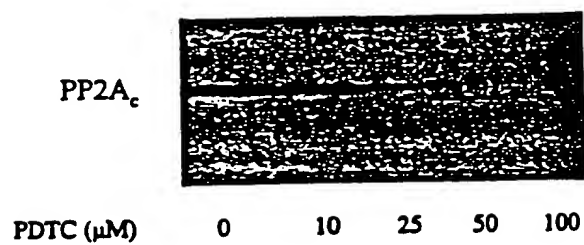


FIGURE 12

Antioxidants Inhibit Methyltransferase Activity Against PP2Ac



PDTC Inhibits PP2A, but not PP1, Activity

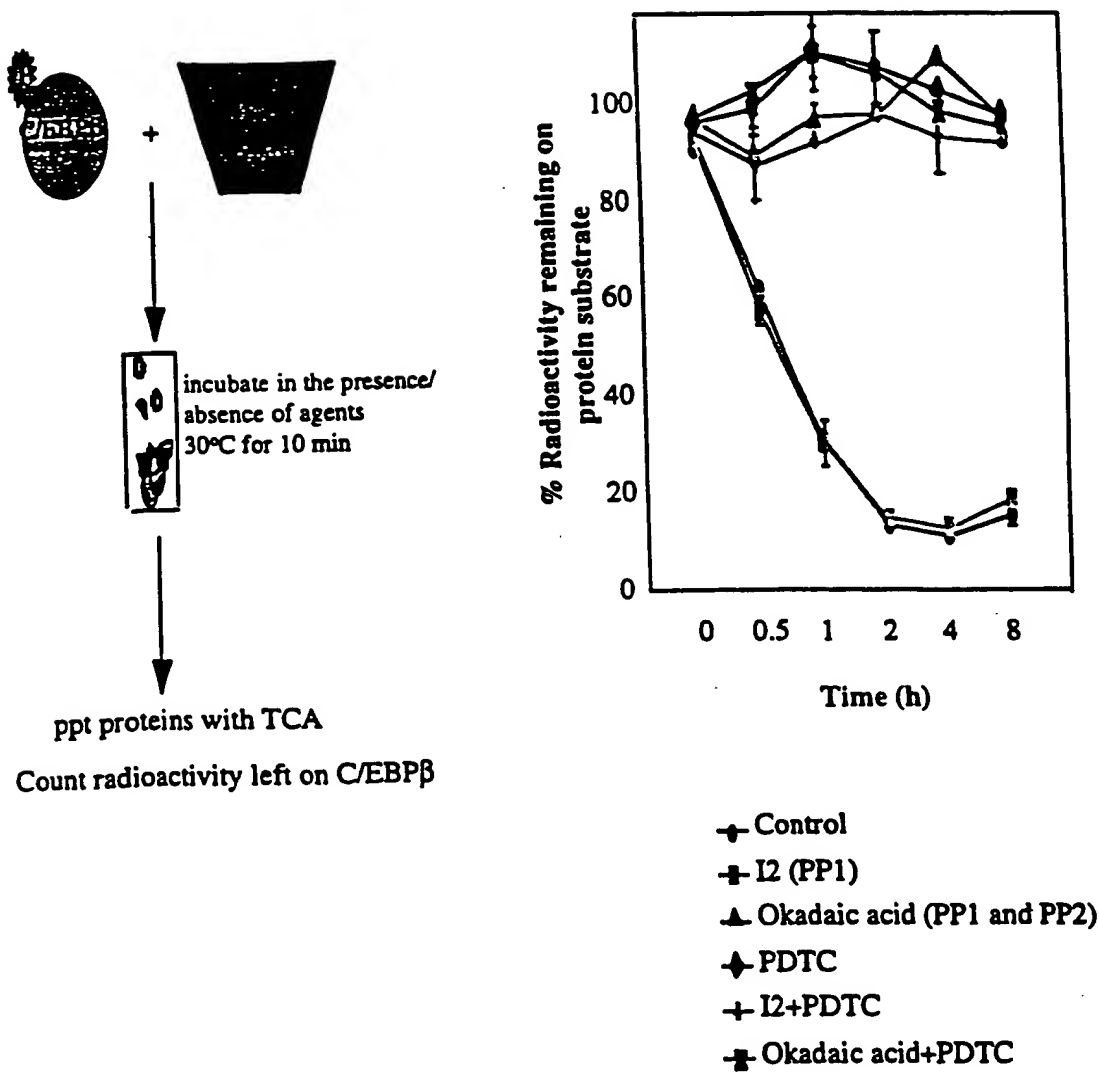


Figure 13

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Figure 14

